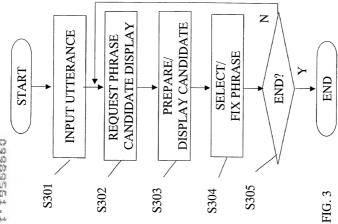
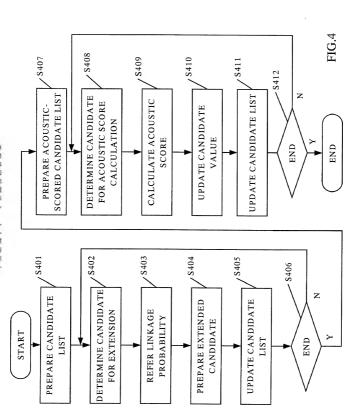


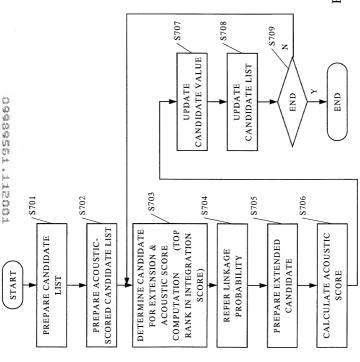
FIG.2





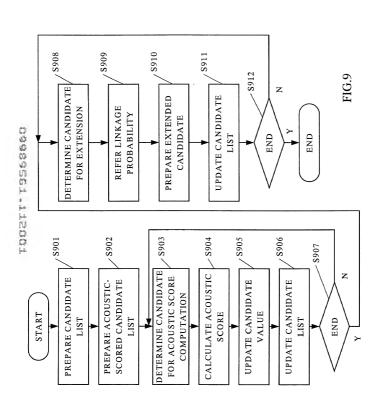
		(530) (EXTENSION PROCESSED, 100th ROUND)	NT L.P ED	1. by me 0.0324 1	2. by 0.0208 1	3. on 0.0068 1	4. by the way 0.00089 1	5. at home 0.00088 1		Note) NT: Notation	L.P.Linkage Probability	A.S. Acoustic Score	I.S:Integration Score TM-Termination	ED:End							
		(520) (EXTENSION PROCESSED, 1st ROUND)	ED	4 0	0 6	0 6	8 1	0 9		RD	1			. 0				ED	1		
		EXTENSION 1st ROUND)	L.P	0.0324	0.0299	0.0209	0.0208	0.0126		I.P	0.0324		L.P	.\$ 1.00				L.P	0.0324		
The first that the first		(520) (E	IN	1. by me	2. by the	3. on	4. by	5. at	(521)	L	by me	(522)	N	by me -> \$			(523)	IN	by me		
in de		OCESSED,	ED	0	0	0	0	0		E	0							ED	0	0	
	You are standing	(510) (EXTENSION PROCESSED, Oth ROUND)	L.P	0.0832	0.0209	0.0126	0.0083	0.0069		I.P	0.0832		L.P	0.39		0.25		L.P	0.0324	0.0299	0.0208
(500)	You are	(510) (EX	NT	1.by	2.on	3.at	4.for	5.next	(511)	ź	by	(512)	LN	by -> me	by -> the	by -> \$	(513)	IN	by me	by the	by \$
	FIXED PHR ASF			PHRASE	CANDIDATE	TIST	Tom	SELECT		PRE-	CANDIDATE		LINKAGE	PROBABILITY	입	EXTENSION		POST-	EXTENSION	CANDIDATE	

	ED. (620) (ACOUSTIC SCORE UPDATED. 1st ROUND.)	ED NT L.S A.S I.S 503 1.by -33.6 70. 13.6	503 2.09 IIIe -29.0 -12 503 3.0n -43.2 0 503 4.by the way -60.9 0	503 5.ai home -61.0 0 -61.0	ED L.P.Linkage Probability L.P.Linkage Probability L.P.Linkage Score L.S.Language Score A.S.Acoustic Score I.S.Integration Score TM:Termination ST:Start ED:End ED:End	
(600) You are standing (END TIME 503)	(610) (ACOUSTIC SCORE UPDATED. <u>0th ROUND)</u>	NT L.S A.S 1.by me -29.6 0	3.0n -33.0 0 -33.0 3.0n -43.2 0 -43.2 4.by the way -60.9 0 -60.9	5.at home -61.0 0	NT	
EIXED PHRASE		PHRASE CANDIDAT E LIST		SELECT	ACOUSTIC SCORE PRE-UPDATE CANDIDATE ACOUSTIC SCORE ACOUSTIC SCORE UPDATE CANDIDATE	7777



⁷IG.7

FIG. 8



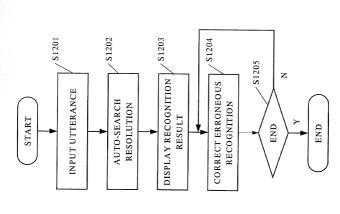
FIXED																_					٦
You are standing (END TIME 503)				ED	0	0	_	0	0	0					EI	_	-	+	3	7 1	
You are standing(END TIME 503) Note) NT:Notation LS:Integration LS		e.		Σ	904	904	504	878	262	11					TM	604	604	709	57		
You are standing(END TIME 503) Note) NT:Notation LS:Integration LS		n Sco tion	SED,											ED,	I.S	35.6	39.6	6.99	76.0	89.2	
You are standing(END TIME 503) You are standing(END TIME 503) L.F.:Linkage Probability L.S.:Langage Score A.S.Acoustic Manch Score A.S.Acoustic Manch Score A.S.Acoustic Score A.S.Acoustic Score A.S.Acoustic Manch Sco		mina	CES	I.S	-35.0	-36.	-39.0	-52.8	-79.	-81.6				CES							
You are standing(END TIME 503) You are standing(END TIME 503) L.F.:Linkage Probability L.S.:Langage Score A.S.Acoustic Manch Score A.S.Acoustic Manch Score A.S.Acoustic Score A.S.Acoustic Score A.S.Acoustic Manch Sco		:Integ M:Ter :End	PRC	S	90	90	90	15	46	0 †			_>	PRO		9-0					
You are standing(END TIME 503) You are standing(END TIME 503) L.S.L. 181 ROUND) NOTE, NT: L.S.L. A.S.A. I. by -21.4 -6 -27.4 604 0 2. on -33.4 0 -37.8 503 0 3. at -37.8 0 -37.8 503 0 4. for -41.6 0 -41.6 503 0 5. next -43.2 0 -43.2 503 0 3. next -43.2 0 -43.2 503 0 4. for -41.6 0 -41.6 503 0 5. next -43.2 0 -43.2 503 0 1. next -43.2 0 -43.2 503 0 3. at -37.8 15 -52.8 578 0 4. 503 0 1. by -21.4 -06 -27.4 604 0 4. 503 0 4. 504 -37.8 -15 -52.8 578 0 8. 503 0 2. at -37.8 -15 -52.8 578 0 8. 503 0 4. for -41.6 -40 -79.4 597 0 6. 503 0 5. of -53.8 -59 -112.8 598 0			ND)										,	SION	L.5	-29.	-33.	-60	-61	-43	
You are standing(END TIME 503) You are standing(END TIME 503) L.S.L. 181 ROUND) NOTE, NT: L.S.L. A.S.A. I. by -21.4 -6 -27.4 604 0 2. on -33.4 0 -37.8 503 0 3. at -37.8 0 -37.8 503 0 4. for -41.6 0 -41.6 503 0 5. next -43.2 0 -43.2 503 0 3. next -43.2 0 -43.2 503 0 4. for -41.6 0 -41.6 503 0 5. next -43.2 0 -43.2 503 0 1. next -43.2 0 -43.2 503 0 3. at -37.8 15 -52.8 578 0 4. 503 0 1. by -21.4 -06 -27.4 604 0 4. 503 0 4. 504 -37.8 -15 -52.8 578 0 8. 503 0 2. at -37.8 -15 -52.8 578 0 8. 503 0 4. for -41.6 -40 -79.4 597 0 6. 503 0 5. of -53.8 -59 -112.8 598 0		ability re re	ROU	L.S	-29		-33	-37	-33	-41.				TEN:				way	e		
You are standing(END TIME 503) You are standing(END TIME 503) L.S.L. 181 ROUND) NOTE, NT: L.S.L. A.S.A. I. by -21.4 -6 -27.4 604 0 2. on -33.4 0 -37.8 503 0 3. at -37.8 0 -37.8 503 0 4. for -41.6 0 -41.6 503 0 5. next -43.2 0 -43.2 503 0 3. next -43.2 0 -43.2 503 0 4. for -41.6 0 -41.6 503 0 5. next -43.2 0 -43.2 503 0 1. next -43.2 0 -43.2 503 0 3. at -37.8 15 -52.8 578 0 4. 503 0 1. by -21.4 -06 -27.4 604 0 4. 503 0 4. 504 -37.8 -15 -52.8 578 0 8. 503 0 2. at -37.8 -15 -52.8 578 0 8. 503 0 4. for -41.6 -40 -79.4 597 0 6. 503 0 5. of -53.8 -59 -112.8 598 0		Probi	1st		/ me	the /	_		_					IO EX	L	me		the	hom	_	
You are standing(END TIME 503) You are standing(END TIME 503) L.S.L. 181 ROUND) NOTE, NT: L.S.L. A.S.A. I. by -21.4 -6 -27.4 604 0 2. on -33.4 0 -37.8 503 0 3. at -37.8 0 -37.8 503 0 4. for -41.6 0 -41.6 503 0 5. next -43.2 0 -43.2 503 0 3. next -43.2 0 -43.2 503 0 4. for -41.6 0 -41.6 503 0 5. next -43.2 0 -43.2 503 0 1. next -43.2 0 -43.2 503 0 3. at -37.8 15 -52.8 578 0 4. 503 0 1. by -21.4 -06 -27.4 604 0 4. 503 0 4. 504 -37.8 -15 -52.8 578 0 8. 503 0 2. at -37.8 -15 -52.8 578 0 8. 503 0 4. for -41.6 -40 -79.4 597 0 6. 503 0 5. of -53.8 -59 -112.8 598 0		otatio ikage nguag	1005	Z	1. by	2. by	3. by	4. at	5.01	6. fo	:			1006)	z	1.by	2.by	3.by	4.at	5.00	
You are standing(END TIME 503) You are standing(END TIME 503) E (1003) (ACCOUSTIC SCORE UPDATED, 1st ROUND) ISTROUND) INT L.S A.S I.S TM ED 1. by -2.1.4 -6 -27.4 604 2. on -33.4 0 -37.8 503 3. at -37.8 0 -37.8 503 4. for -41.6 0 -41.6 503 5. next -43.2 0 -43.2 503 (1004) (ACCOUSTIC SCORE UPDATED, 100th ROUND)1004 5. next -43.2 0 -43.2 503 1. by -21.4 -06 -27.4 604 4 503 0 1. by -21.4 -06 -27.4 604 4 503 0 2. at -37.8 -15 -52.8 578 8 503 0 3. on -33.4 -46 -79.4 597 6 503 0 4. for -41.6 -79.4 597 6 503 0 5. of -53.8 -59 -112.8 598		TT:No P:Lir S:La)											_							7
You are standing(END TIME 503) You are standing(END TIME 503) (1003) (ACOUSTIC SCORE UPDATE 181ROUND) (1. by -2.1.4 -6 -2.7.4 60 (2. on -3.3.4 0 -3.3.8 50 (3. at -37.8 0 -37.8 50 (4. for -41.6 0 -41.6 50 (5. next -43.2 0 -43.2 50 (1004) (ACOUSTIC SCORE UPDATE 100th ROUND)1004 (1004) (ACOUSTIC SCORE UPDA		ote) N L. L. A		ED	0	0	0	0	0		L	<	\ <u>:</u>	3	ED		0	0	0		
You are stand You are stand The ED T		ž	TED,	TM	604	503	503	503	503			\	\ } }		TM	604	578	597	611	598	
You are stand You are stand The ED T			UPDA	Ш	4.7	3.4	8.	9	3.2				C 11D	2	S	7.4	2.8	9.4	1.6	2.8	
You are stand You are stand The ED T		33	ORE		-2	-3	-37	-41	4				900	100							
You are stand You are stand The ED T		E 50	SCC	A.S	9-	0	0	0	0		_		ر د	UND	A.S	90-	-15	-46	-40	-59	
You are stand You are stand The ED T		TIM	UND	S	1.4	33.4	87.8	1.6	13.2		L	• 1	1 2	th RO	S	1.4	87.8	33.4	1.6	53.8	
You are stand You are stand The ED T		ONS	ACOI st RO	1	54	q.	4	4-					CAC								
You are stand You are stand The ED T		ing(E	03) (50 1	LN	· by	on.	at.	· for	. nex				000	(1004	Z	1.by	2.at	3.01	4.fo	5.of	
E		tand	(10			2	c	4	S	ك	_	1			Q	0	0	0	0	0	٦
E		are s									٨		>			3	3	3	3	60	
E	(200)	You										·			TN	20	50	20	20	20	
NND			IDATE	ED	0	0	0	0	0				Cad	I I	I.S	-21.4	-33.4	-37.8	-41.6	-43.2	
		到	CAND	L.P	0.0832	0.0209	0.0126	0.0083	0.0069		_		ر در	CANDIDATE LIST	A.S	0	0	0	0	0	
FIXED PHRASE PHRASE NITIAL C. ST. O.011 0.011 0.013 1.0.003		KED	TIAL 2		0.0	0.0	0.0	0.0			L		\ <u>i</u>	DIDA	s.	1.4	3.4	7.8	1.6	13.2	
EIX PHH O01) (INIT LIST) 1. by 1. by 3. at 4. for 5. next CAND CAND DAT The by CAND CAND The by CAND CAND The by The by CAND The by The by CAND The by		티티	(INI LISI	L	by	on	at	for	next				ν.	CANI	Г	-2	6	5	4	4-	
(1001) 1. 1. 2. 3. 3. 4. 5. 5. 11. by 1. con 1. by			(1001)	L		5.	3.	4.	5.				(600	0007)	NT	1.by	2.on	3.at	4.for	5.net	
			-											= 					_		

FIG. 10

													_						_
				_	_					_			ED	-	_	Π	_	Ξ	٦
	a)			ED		0	0	0	0				1	604	710	597	843	832	
	Scor			TM	604	710	969	278	597				TM						1
	ntion natio		SED,									ED,	I.S	-39.6	-41.6	-89.2	-94.9	-141	
	.S:Integration Score M:Termination	pu	CES	I.S	-39.6	-41.6	-52.4	-52.8	-79.4			CESS					-34	-80	
	I.S:Integration S TM:Termination	ED:End	PRO	A.S	90-	-12	-22	-15	-46		\Box	PRO	A.S	33.6 -06	5 -12	2 -46			
	ity		(D)	L.S.							,	UND	L.S	33.6	-29.6	-43.2	-90	-61.0	
	VT:Notation L.P:Linkage Probability	core	(1105) EXTENSION PROCESSED, 1st ROUND)	L.	-33.6	-29.6	3. by the -30.4	-37.8	-33.4			(1106) (EXTENSION PROCESSED, 100th ROUND)		ĺ			4. by the way -60.9	ē	
l	n e Pro	L.S:Language Score A.S:Acoustic Score	(EX		_	2. by me	the		_			100t			me		the	5. at home	
	otatio inkag	angn	.105)	IN	1. by	2. by	3. by	4. at	5. on	:		106)	IN	1. by	2. by me	3. on	4. by	5. at	:
	T:NC	A.S.A	C)			_		_		_	~	(1)	_						_
	Note) NT:Notation L.P:Linkage	- `	4	ED	0	0	0	0	0			7	ED	0	0	0	0	0	
	ž		TED	1 1	604	503	503	503	503		·	TED	TM	604	578	597	611	298	
			PDA	TM								IPDA							
	_		(1103) (ACOUSTIC SCORE UPDATED, 1st ROUND)	I.S	-27.4	-33,4	-37.8	-41.6	-43.2			(1104) (ACOUSTIC SCORE UPDATED, 100th ROUND)	I.S	-27.4	-52.8	-79.4	-81.6	-59 -112.8	
	You are standing(END TIME 503)		sco	A.S	9-		0		0			SCO D	A.S	90-	-15	-46	-40	-59	
	IME		STIC JND)			4	8	9.	5.		$ \Box\rangle$	STIC							
	T O.		(ACOUSTIC	L.S	-21.4	-33.4	-37.8	-41.6	-43.2			ACOUSTIC S	L.S	-21.4	-37.8	-33.4	-41.6	-53.8	-
	g(EN		(S)	L	y.	u	±	or	5. next		9	(A)	LN	1.by	=	u	4.for	J(
	ndin		(110	Z	1. by	2. on	3. at	4. for	5.1	:		(110		-:	2.at	3.on	4.	5.of	
	staı									,	~		ED	10	0	_	0		\neg
6	u are										\vee		1		_				
(500)	Υo		ш	Г						٦		O.I	TM	503	503	503	503	503	
			DAT	ED	0	0	0	0	0			OREI ST)	I.S	-21.4	-33.4	-37.8	-41.6	-43.2	
			INDI									SCC E LIS		-2	<u>.</u> -	-3	4-	4	
۽	ASE		T C	L.P	0.0832	0.0209	0.0126	0.0083	0.0069		$\overline{}$	STIC	A.S	0	0	0	0	0	
	PHRASE		(INITIA LIST)		0.0	0.0	0.0	0.0	0.0		— /	(ACOUSTIC-SCOR	L.S	-21.4	-33.4	-37.8	-41.6	-43.2	
				L	λ.	п	_	ı	ext			IJ이							
			(1101) (INITIAL CANDIDATE LIST)	LN	1.by	2.on	3.at	4.for	5.next	•		(1102) (ACOUSTIC-SCORED CANDIDATE LIST)	N	1.by	2.on	3.at	4.for	5.next	1
												-							

FIG. 11

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PRIOR ART

FIG.12